

WEST Search History

DATE: Saturday, December 18, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L98	L97 and (emission or emit\$4 or transmission or transmissivity or transmit\$4 or absorb\$4 or absorpt\$4)	2
<input type="checkbox"/>	L97	L96 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	2
<input type="checkbox"/>	L96	L94 and (planar\$2 or slic\$3 or plane or slab)	2
<input type="checkbox"/>	L95	L94 and (attenuat\$4 or azimuth\$4)	0
<input type="checkbox"/>	L94	L93 and ((internal\$3 or inside or "within" or inner) with (subject or object or target or patient or "thing" or structure))	2
<input type="checkbox"/>	L93	L92 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3 or nonparallel or "non-parallel" or cross\$4)	2
<input type="checkbox"/>	L92	L91 and ((puls\$4 or train or continuous\$2) with (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency))	2
<input type="checkbox"/>	L91	L5 and ((simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	2
<input type="checkbox"/>	L90	L89 and ((simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	0
<input type="checkbox"/>	L89	6507309	9
<input type="checkbox"/>	L88	L86 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	4
<input type="checkbox"/>	L87	L86 and ((simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	1
<input type="checkbox"/>	L86	5363050	20
<input type="checkbox"/>	L85	L84 and ((puls\$4 or train or continuous\$2) with (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency))	16
<input type="checkbox"/>	L84	L83 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3 or nonparallel or "non-parallel" or cross\$4)	41
<input type="checkbox"/>	L83	L82 and ((internal\$3 or inside or "within" or inner) with (subject or object or target or patient or "thing" or structure))	42
<input type="checkbox"/>	L82	L81 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	74
<input type="checkbox"/>	L81	L80 and ((simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	3025
<input type="checkbox"/>	L80	(medical or diagnostic\$5 or diagnosis or therapy or therapeutic\$4 or "x-ray" or xray or therapeutic\$4)	1088177
<input type="checkbox"/>	L79	L78 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	5

<input type="checkbox"/>	L78	L77 and ((simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	474
<input type="checkbox"/>	L77	L76 and (simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4)	10651
<input type="checkbox"/>	L76	((MRI or NMR or (magnetic adj resonance)) with (medical or diagnostic\$5 or therapy or therapeutic\$4 or "x-ray" or xray or therapeutic\$4))	22369
<input type="checkbox"/>	L75	L72 not l74	5
<input type="checkbox"/>	L74	L73 and (spatial\$3 or position\$4 or locat\$4 or orient\$4 or orientation)	27
<input type="checkbox"/>	L73	L72 and (planar\$2 or slic\$3 or plane or slab)	27
<input type="checkbox"/>	L72	L71 and (attenuat\$4 or azimuth\$4)	32
<input type="checkbox"/>	L71	L70 and ((internal\$3 or inside or "within" or inner) with (subject or object or target or patient or "thing" or structure))	43
<input type="checkbox"/>	L70	L69 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3 or nonparallel or "non-parallel" or cross\$4)	80
<input type="checkbox"/>	L69	L68 and ((beam\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda" or radiat\$4 or radiation or electromagnetic\$4 or electromagnetic\$4 or "EM" or "e-M") with ((radio adj frequency) or RF or radio-frequency))	93
<input type="checkbox"/>	L68	L66 and ((puls\$4 or train or continuous\$2) with (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency))	260
<input type="checkbox"/>	L67	L65 and ((puls\$4 or train or continuous\$2) with (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency))	260
<input type="checkbox"/>	L66	L65 and (puls\$4 or train or continuous\$2)	578
<input type="checkbox"/>	L65	L64 and (simultaneous\$3 or ("same" with "time") or "together" or multiplex\$4 or multi-plex\$4)	790
<input type="checkbox"/>	L64	L63 and (subject or object or target or patient or "thing")	954
<input type="checkbox"/>	L63	L62 and (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or absorpt\$4 or "sent")	1068
<input type="checkbox"/>	L62	L61 and (beam\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda" or radiat\$4 or radiation or electromagnetic\$4 or electromagnetic\$4 or "EM" or "e-M")	1154
<input type="checkbox"/>	L61	L60 and (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency)	1171
<input type="checkbox"/>	L60	L59 and (image or imaging or scan\$5 or tomography or tomograph or tomographical\$3)	1557
<input type="checkbox"/>	L59	L58 and ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2))	3797
<input type="checkbox"/>	L58	(waveguid\$4 or wave-guid\$4 or "wave guid\$4" or (horn with antenn\$2) or (cassegain with antenn\$2 or cassegain or horn))	231636
<input type="checkbox"/>	L57	L56 and (waveguid\$4 or wave-guid\$4 or "wave guid\$4" or (horn with antenn\$2) or (cassegain with antenn\$2))	4
<input type="checkbox"/>	L56	L55 and (beam\$4 or image or imaging or scan\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda")	11
<input type="checkbox"/>	L55	L54 and (medical or diagnostic\$5 or MRI or NMR or (magnetic adj resonance) or therapy or therapeutic\$4 or "x-ray" or xray or therapeutic\$4)	11

<input type="checkbox"/>	L54	L53 and (detect\$4 or sens\$4 or receiv\$4 or reception)	77
<input type="checkbox"/>	L53	L52 and (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency)	85
<input type="checkbox"/>	L52	L51 and (simultaneous\$3 or ("same" with "time") or "together")	103
<input type="checkbox"/>	L51	L2 and (scatter\$4 or backscatter\$4 or "back scatter\$4" or nonreflect\$4 or non-reflect\$4 or "non reflect\$4" or absorb\$4 or absorption)	148
<input type="checkbox"/>	L50	L49 and (medical or diagnostic\$5 or MRI or NMR or (magnetic adj resonance))	27
<input type="checkbox"/>	L49	5588032	34
<input type="checkbox"/>	L48	L47 and (medical or diagnostic\$5 or MRI or NMR or (magnetic adj resonance))	9
<input type="checkbox"/>	L47	L43 and (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or scatter\$4)	19
<input type="checkbox"/>	L46	L45 and (medical or diagnostic\$5 or MRI or NMR or (magnetic adj resonance))	12
<input type="checkbox"/>	L45	L44 and (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or scatter\$4)	18
<input type="checkbox"/>	L44	5030956	19
<input type="checkbox"/>	L43	5227797	20
<input type="checkbox"/>	L42	L41 and (security or screen\$4 or airport or luggage or wand\$4 or baton or contraband or drugs or weapon or firearm or gun)	9
<input type="checkbox"/>	L41	L40 and (medical or MRI or NMR or (magnetic adj resonance))	17
<input type="checkbox"/>	L40	6005916	21
<input type="checkbox"/>	L39	L38 and (medical or MRI or NMR or (magnetic adj resonance))	2
<input type="checkbox"/>	L38	L29 and (security or screen\$4 or airport or luggage or wand\$4 or baton)	41
<input type="checkbox"/>	L37	L36 and (medical or MRI or NMR or (magnetic adj resonance))	1
<input type="checkbox"/>	L36	L29 and (security or screening or airport or luggage or wand\$4 or baton)	20
<input type="checkbox"/>	L35	(4622222 4727550 4798209 5227797 5588032 5667893)! [pn]	12
<input type="checkbox"/>	L34	L33 and (medical or MRI or NMR or (magnetic adj resonance))	1
<input type="checkbox"/>	L33	L32 and (aperature or opening or hole)	25
<input type="checkbox"/>	L32	L31 and (map or mapping or mapped or identify\$4 or identification or identified or identity or determin\$7)	66
<input type="checkbox"/>	L31	L30 and (spatial\$3 or space or spaced or spacing)	70
<input type="checkbox"/>	L30	L29 and (planar or slice or plane or slab)	70
<input type="checkbox"/>	L29	L28 or L22	79
<input type="checkbox"/>	L28	L27 and ((beam\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda") with (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or attenuat\$5))	62
<input type="checkbox"/>	L27	L25 and ((beam\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda") with ((radio adj frequency) or RF or radio-frequency))	66
<input type="checkbox"/>	L26	L25 and ((beam or ray or wave or wavelength or wave-length or "wave length" or "lamda") with ((radio adj frequency) or RF or radio-frequency))	64
<input type="checkbox"/>	L25	L24 and (internal\$3 or inside or "within" or inner)	173

<input type="checkbox"/>	L24	L23 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3)	177
<input type="checkbox"/>	L23	L17 and (security or screening or airport or luggage or wand\$4 or baton or people or object or subject or patient)	211
<input type="checkbox"/>	L22	L21 and ((beam or ray or wave or wavelength or wave-length or "wave length" or "lamda") with (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4 or attenuat\$5))	77
<input type="checkbox"/>	L21	L20 and ((beam or ray or wave or wavelength or wave-length or "wave length" or "lamda") with ((radio adj frequency) or RF or radio-frequency))	83
<input type="checkbox"/>	L20	L18 and (internal\$3 or inside or "within" or inner)	196
<input type="checkbox"/>	L19	L18 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3)	168
<input type="checkbox"/>	L18	L17 and (security or screening or airport or luggage or wnad\$4 or baton or people or object or subject or patient)	202
<input type="checkbox"/>	L17	L16 and (detect\$4 or sens\$4 or receiv\$4 or reception)	231
<input type="checkbox"/>	L16	L15 and (power\$5)	233
<input type="checkbox"/>	L15	L14 and (move or moving or movement or moved or motion or travel\$4 or path or trajector\$4 or rotat\$4 or tip\$4 or flip\$4 nutat\$4 or rotational\$2)	271
<input type="checkbox"/>	L14	L13 and (image or imaging or imaged or scan\$5 or tomography or tomographic\$5)	278
<input type="checkbox"/>	L13	L12 and (waveguid\$4 or wave-guid\$4 or "wave guid\$4" or (horn with antenn\$2) or (cassegain with antennn\$2))	470
<input type="checkbox"/>	L12	L11 and ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2))	1241
<input type="checkbox"/>	L11	L10 and (axis or axes or axial\$2 or azimuth\$4 or angle)	33608
<input type="checkbox"/>	L10	L9 and (cross or attenuat\$5)	53670
<input type="checkbox"/>	L9	L8 and (beam or ray or wave or wavelength or wave-length or "wave length" or "lamda")	93698
<input type="checkbox"/>	L8	L7 and (signal or puls\$3)	166008
<input type="checkbox"/>	L7	L6 and (transmit\$4 or absorb\$4 or non-reflect\$3 or emit\$4)	208892
<input type="checkbox"/>	L6	((radio adj frequency) or RF or radio-frequency)	380164
<input type="checkbox"/>	L5	L4 and (internal\$3 or inner or inside or anatomy or organ or heart or brain or lung or kidney or pelvis or leg or ankle or wrist)	37
<input type="checkbox"/>	L4	L3 and (image or imaging or scan\$5)	66
<input type="checkbox"/>	L3	L2 and (scatter\$4 or backscatter\$4 or "back scatter\$4" or nonreflect\$4 or non-reflect\$4 or "non reflect\$4")	97
<input type="checkbox"/>	L2	L1 and ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2))	487
<input type="checkbox"/>	L1	Cassegrain	1832

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 11 of 11 returned.

☐ 1. Document ID: US 20030224801 A1

Using default format because multiple data bases are involved.

L56: Entry 1 of 11

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030224801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030224801 A1

TITLE: High data rate wireless communication system

PUBLICATION-DATE: December 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lovberg, John	San Diego	CA	US	
Chedester, Richard	Whately	MA	US	
Johnson, Paul	Kihei	HI	US	
Slaughter, Louis	Weston	MA	US	

US-CL-CURRENT: 455/454; 455/73

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Dc
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☐ 2. Document ID: US 20020165002 A1

L56: Entry 2 of 11

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165002

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020165002 A1

TITLE: Millimeter wave transceivers for high data rate wireless communication links

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kolinko, Vladimir	San Diego	CA	US	
Chedester, Richard	Whately	MA	US	
Olsen, Randall B.	Carlsbad	CA	US	
Lovberg, John	San Diego	CA	US	

Tang, Kenneth Y. Alpine CA US

US-CL-CURRENT: 455/500; 455/73

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 3. Document ID: US 20020164945 A1

L56: Entry 3 of 11

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020164945

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020164945 A1

TITLE: NARROW BEAMWIDTH COMMUNICATION LINK WITH ALIGNMENT CAMERA

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Olsen, Randall B.	Carlsbad	CA	US	
Slaughter, Louis	Weston	MA	US	
Lovberg, John	San Diego	CA	US	
Tang, Kenneth Y.	Alpine	CA	US	
Kolinko, Vladimir	San Diego	CA	US	
Johnson, Paul	Kihei	HI	US	

US-CL-CURRENT: 455/3.01; 342/350, 455/3.05, 725/143

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 4. Document ID: US 6803577 B2

L56: Entry 4 of 11

File: USPT

Oct 12, 2004

US-PAT-NO: 6803577

DOCUMENT-IDENTIFIER: US 6803577 B2

TITLE: Quantitative imaging of gas emissions utilizing optical techniques

DATE-ISSUED: October 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edner; Hans	Lund			SE
Sandsten; Jonas	Lomma			SE
Svanberg; Sune	Lund			SE

US-CL-CURRENT: 250/339.09; 250/330, 250/339.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 5. Document ID: US 6587699 B2

L56: Entry 5 of 11

File: USPT

Jul 1, 2003

US-PAT-NO: 6587699

DOCUMENT-IDENTIFIER: US 6587699 B2

TITLE: Narrow beamwidth communication link with alignment camera

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Olsen; Randall B.	Carlsbad	CA		
Slaughter; Louis	Weston	MA		
Lovberg; John	San Diego	CA		
Tang; Kenneth Y.	Alpine	CA		
Kolinko; Vladimir	San Diego	CA		
Johnson; Paul	Kihei	HI		

US-CL-CURRENT: 342/359, 343/720, 343/754, 343/874, 343/894, 455/25, 455/424

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 6. Document ID: US 6567678 B1

L56: Entry 6 of 11

File: USPT

May 20, 2003

US-PAT-NO: 6567678

DOCUMENT-IDENTIFIER: US 6567678 B1

TITLE: Multiplex sensor and method of use

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oosta; Gary M.	Gurnee	IL		
Jeng; Tayy-Wen	Vernon Hills	IL		
Lindberg; John M.	Grayslake	IL		
McGlashen; Michael L.	Grayslake	IL		
Pezzaniti; Joseph L.	Round Lake	IL		

US-CL-CURRENT: 600/316, 356/364, 600/310

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 7. Document ID: US 6449103 B1

L56: Entry 7 of 11

File: USPT

Sep 10, 2002

US-PAT-NO: 6449103

DOCUMENT-IDENTIFIER: US 6449103 B1

TITLE: Solid catadioptric omnidirectional optical system having central coverage means which is associated with a camera, projector, medical instrument, or similar article

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Charles; Jeffrey R.	Pasadena	CA	91104	

US-CL-CURRENT: 359/725; 359/366, 359/729, 359/859

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUMC	Draw De
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☐ 8. Document ID: US 6333826 B1

L56: Entry 8 of 11

File: USPT

Dec 25, 2001

US-PAT-NO: 6333826

DOCUMENT-IDENTIFIER: US 6333826 B1

TITLE: Omniramic optical system having central coverage means which is associated with a camera, projector, or similar article

DATE-ISSUED: December 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Charles; Jeffrey R.	Pasadena	CA	91104	

US-CL-CURRENT: 359/725; 359/728, 359/729, 359/731

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUMC	Draw De
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☐ 9. Document ID: US 6070093 A

L56: Entry 9 of 11

File: USPT

May 30, 2000

US-PAT-NO: 6070093

DOCUMENT-IDENTIFIER: US 6070093 A

**** See image for Certificate of Correction ****TITLE: Multiplex sensor and method of use

DATE-ISSUED: May 30, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oosta; Gary M.	Gurnee	IL		
Jeng; Tayy-Wen	Vernon Hills	IL		
Lindberg; John M.	Grayslake	IL		
McGlashen; Michael L.	Grayslake	IL		
Pezzaniti; Joseph L.	Round Lake	IL		

US-CL-CURRENT: 600/316; 356/39, 600/310, 600/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 10. Document ID: US 5227797 A

L56: Entry 10 of 11

File: USPT

Jul 13, 1993

US-PAT-NO: 5227797

DOCUMENT-IDENTIFIER: US 5227797 A

TITLE: Radar tomography

DATE-ISSUED: July 13, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Murphy; Quentin M.	Bronxville	NY	10708	

US-CL-CURRENT: 342/22; 600/425

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 11. Document ID: US 5030956 A

L56: Entry 11 of 11

File: USPT

Jul 9, 1991

US-PAT-NO: 5030956

DOCUMENT-IDENTIFIER: US 5030956 A

**** See image for Certificate of Correction ****

TITLE: Radar tomography

DATE-ISSUED: July 9, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Murphy; Quentin M.	Bronxville	NY	10708	

US-CL-CURRENT: 342/22; 433/25, 600/428, 600/430, 600/590

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Drawings
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
IMAGE	2472042
IMAGES	572178
IMAGING	278474
IMAGINGS	178
RAY	601776
RAYS	315252
WAVE	854244
WAVES	319283
WAVELENGTH	465242
WAVELENGTHS	168725
WAVE-LENGTH	7830
(L55 AND (BEAM\$4 OR IMAGE OR IMAGING OR SCAN\$4 OR RAY OR WAVE OR WAVELENGTH OR WAVE-LENGTH OR "WAVE LENGTH" OR "LAMDA")) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	11

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Search Results - Record(s) 1 through 27 of 27 returned.

☐ 1. Document ID: US 20040151957 A1

Using default format because multiple data bases are involved.

L74: Entry 1 of 27

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040151957

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040151957 A1

TITLE: Optimizing reactions in fuel cells and electrochemical reactions

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brooks, Juliana H. J.	North East	MD	US	
Blum, Bentley J.	Fisher Island	FL	US	
Mortenson, Mark G.	North East	MD	US	

US-CL-CURRENT: 429/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RUMC	Drawings
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☐ 2. Document ID: US 20040135992 A1

L74: Entry 2 of 27

File: PGPB

Jul 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040135992

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040135992 A1

TITLE: Apparatus for high accuracy distance and velocity measurement and methods thereof

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Munro, James F.	Ontario	NY	US	

US-CL-CURRENT: 356/4.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 3. Document ID: US 20040129478 A1

L74: Entry 3 of 27

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040129478

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040129478 A1

TITLE: Weight measuring systems and methods for vehicles

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	
DuVall, Wilbur E.	Kimberling City	MO	US	
Johnson, Wendell C.	Signal Hill	CA	US	

US-CL-CURRENT: 180/273; 280/735

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 4. Document ID: US 20030209893 A1

L74: Entry 4 of 27

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030209893

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030209893 A1

TITLE: Occupant sensing system

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	
DuVall, Wilbur E.	Kimberling City	MO	US	
Johnson, Wendell C.	Signal Hill	CA	US	

US-CL-CURRENT: 280/735; 701/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 5. Document ID: US 20030032950 A1

L74: Entry 5 of 27

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032950
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030032950 A1

TITLE: Cooling system for a photo cosmetic device

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Altshuler, Gregory B.	Wilmington	MA	US	
Caruso, Joseph P.	Reading	MA	US	
Zenzie, Henry H.	Dover	MA	US	
Burke, James G. III	Londonderry	NH	US	
Erofeev, Anderi V.	N. Andover	MA	US	

US-CL-CURRENT: 606/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 20020167282 A1

L74: Entry 6 of 27

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020167282
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020167282 A1

TITLE: High frequency inductive lamp and power oscillator

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kirkpatrick, Douglas A.	Great Falls	VA	US	
Gitsevich, Aleksandr	Montgomery Village	MD	US	

US-CL-CURRENT: 315/248

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 20020158689 A1

L74: Entry 7 of 27

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020158689
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020158689 A1

TITLE: CONTROLLER-BASED RADIO FREQUENCY AMPLIFIER MODULE AND METHOD

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Harris, Clifford	Mountaintop	PA	US	
Ungvarsky, Carl	Mountaintop	PA	US	
Correa, Paulo	Kingston	PA	US	

US-CL-CURRENT: 330/129

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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☐ 8. Document ID: US 6507243 B2

L74: Entry 8 of 27

File: USPT

Jan 14, 2003

US-PAT-NO: 6507243

DOCUMENT-IDENTIFIER: US 6507243 B2

TITLE: Controller-based radio frequency amplifier module and method

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harris; Clifford	Mountaintop	PA		
Ungvarsky; Carl	Mountaintop	PA		
Correa; Paulo	Kingston	PA		

US-CL-CURRENT: 330/129; 455/92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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☐ 9. Document ID: US 6420935 B1

L74: Entry 9 of 27

File: USPT

Jul 16, 2002

US-PAT-NO: 6420935

DOCUMENT-IDENTIFIER: US 6420935 B1

TITLE: Controller-based radio frequency amplifier module and method

DATE-ISSUED: July 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harris; Clifford	Mountaintop	PA		
Ungvarsky; Carl	Mountaintop	PA		

Correa; Paulo

Kingston

PA

US-CL-CURRENT: 330/295; 330/298

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 10. Document ID: US 6313587 B1

L74: Entry 10 of 27

File: USPT

Nov 6, 2001

US-PAT-NO: 6313587

DOCUMENT-IDENTIFIER: US 6313587 B1

TITLE: High frequency inductive lamp and power oscillator

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
MacLennan; Donald A.	Gaithersburg	MD		
Dymond, Jr.; Lauren E.	North Potomac	MD		
Gitsevich; Aleksandr	Montgomery Village	MD		
Grimm; William G.	Silver Spring	MD		
Kipling; Kent	Gaithersburg	MD		
Kirkpatrick; Douglas A.	Great Falls	VA		
Ola; Samuel A.	Silver Spring	MD		
Simpson; James E.	Gaithersburg	MD		
Trimble; William C.	Columbia	MD		
Tsai; Peter	Olney	MD		
Turner; Brian P.	Damascus	MD		

US-CL-CURRENT: 315/248; 315/224, 315/244, 315/307, 315/344

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 11. Document ID: US 6078222 A

L74: Entry 11 of 27

File: USPT

Jun 20, 2000

US-PAT-NO: 6078222

DOCUMENT-IDENTIFIER: US 6078222 A

TITLE: Controller-based radio frequency amplifier module and method

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harris; Clifford	Mountaintop	PA		

Ungvarsky; Carl Mountaintop PA
Correa; Paulo Kingston PA

US-CL-CURRENT: 330/295; 330/285

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 12. Document ID: US 6055418 A

L74: Entry 12 of 27

File: USPT

Apr 25, 2000

US-PAT-NO: 6055418

DOCUMENT-IDENTIFIER: US 6055418 A

TITLE: Computer program product configured to control modular transmission system components

DATE-ISSUED: April 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harris; Clifford	Mountaintop	PA		
Ungvarsky; Carl	Mountaintop	PA		
Correa; Paulo	Kingston	PA		

US-CL-CURRENT: 455/91; 330/124R, 330/295, 455/115.1, 455/127.2, 455/67.11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 13. Document ID: US 6023612 A

L74: Entry 13 of 27

File: USPT

Feb 8, 2000

US-PAT-NO: 6023612

DOCUMENT-IDENTIFIER: US 6023612 A

TITLE: Modular transmission system and method

DATE-ISSUED: February 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harris; Clifford	Mountaintop	PA		
Ungvarsky; Carl	Mountaintop	PA		
Correa; Paulo	Kingston	PA		

US-CL-CURRENT: 455/127.1; 330/295, 455/91

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 14. Document ID: US 5734353 A

L74: Entry 14 of 27

File: USPT

Mar 31, 1998

US-PAT-NO: 5734353

DOCUMENT-IDENTIFIER: US 5734353 A

TITLE: Contrawound toroidal helical antenna

DATE-ISSUED: March 31, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Voorhies; Kurt Louis	DeTour Village	MI		

US-CL-CURRENT: 343/742; 343/744, 343/748, 343/866

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KUMC	Draw. Des
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☐ 15. Document ID: US 5402786 A

L74: Entry 15 of 27

File: USPT

Apr 4, 1995

US-PAT-NO: 5402786

DOCUMENT-IDENTIFIER: US 5402786 A

TITLE: Magneto-acoustic resonance imaging

DATE-ISSUED: April 4, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Drummond; James E.	Lincoln City	OR	97367	

US-CL-CURRENT: 600/410; 324/318, 600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KUMC	Draw. Des
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☐ 16. Document ID: US 4827268 A

L74: Entry 16 of 27

File: USPT

May 2, 1989

US-PAT-NO: 4827268

DOCUMENT-IDENTIFIER: US 4827268 A

TITLE: Beam-forming network

DATE-ISSUED: May 2, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosen; Harold A.	Santa Monica	CA		

US-CL-CURRENT: 342/368; 342/354, 342/356

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 17. Document ID: US 4173762 A

L74: Entry 17 of 27

File: USPT

Nov 6, 1979

US-PAT-NO: 4173762

DOCUMENT-IDENTIFIER: US 4173762 A

TITLE: Reference signal generating apparatus

DATE-ISSUED: November 6, 1979

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thompson; Vernal W.	Bountiful	UT		
Anderson; Wilbert C.	Salt Lake City	UT		

US-CL-CURRENT: 343/759; 342/425, 342/428, 343/761

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 18. Document ID: US 3879732 A

L74: Entry 18 of 27

File: USPT

Apr 22, 1975

US-PAT-NO: 3879732

DOCUMENT-IDENTIFIER: US 3879732 A

TITLE: MULTI-DIRECTIONAL BARRAGE JAMMING SYSTEM

DATE-ISSUED: April 22, 1975

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Simpson; Murray	Garden City	NY		

US-CL-CURRENT: 342/14

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 19. Document ID: US 3331072 A

L74: Entry 19 of 27

File: USOC

Jul 11, 1967

US-PAT-NO: 3331072

DOCUMENT-IDENTIFIER: US 3331072 A

TITLE: System and method for surveillance, tracking and communicating

DATE-ISSUED: July 11, 1967

INVENTOR-NAME: PEASE EDMUND M

US-CL-CURRENT: 342/423, 343/765, 343/781R

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 20. Document ID: US 3266038 A

L74: Entry 20 of 27

File: USOC

Aug 9, 1966

US-PAT-NO: 3266038

DOCUMENT-IDENTIFIER: US 3266038 A

TITLE: Radar systems

DATE-ISSUED: August 9, 1966

INVENTOR-NAME: KENNETH MILNE; GRAHAM FLOUNDERS JOHN

US-CL-CURRENT: 342/154, 114/300, 342/132, 342/157, 342/158

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 21. Document ID: US 3238531 A

L74: Entry 21 of 27

File: USOC

Mar 1, 1966

US-PAT-NO: 3238531

DOCUMENT-IDENTIFIER: US 3238531 A

TITLE: Electronically steerable narrow beam antenna system utilizing dipolar resonant plasma columns

DATE-ISSUED: March 1, 1966

INVENTOR-NAME: IRVING KAUFMAN; STEIER WILLIAM H

US-CL-CURRENT: 343/701, 333/212, 343/754, 343/840

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 22. Document ID: US 3099833 A

L74: Entry 22 of 27

File: USOC

Jul 30, 1963

US-PAT-NO: 3099833

DOCUMENT-IDENTIFIER: US 3099833 A

TITLE: Method of radio scanning

DATE-ISSUED: July 30, 1963

INVENTOR-NAME: GORDON TUCKER DAVID; NAUNTON DAVIES DAVID EVAN

US-CL-CURRENT: 342/157, 342/375

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. Des
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☐ 23. Document ID: US 3085243 A

L74: Entry 23 of 27

File: USOC

Apr 9, 1963

US-PAT-NO: 3085243

DOCUMENT-IDENTIFIER: US 3085243 A

TITLE: Radar tracking and display system

DATE-ISSUED: April 9, 1963

INVENTOR-NAME: BOND DONALD S

US-CL-CURRENT: 342/95; 342/149

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. Des
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☐ 24. Document ID: US 2605413 A

L74: Entry 24 of 27

File: USOC

Jul 29, 1952

US-PAT-NO: 2605413

DOCUMENT-IDENTIFIER: US 2605413 A

TITLE: Antenna system with variable directional characteristic

DATE-ISSUED: July 29, 1952

INVENTOR-NAME: ALVAREZ LUIS W

US-CL-CURRENT: 343/758; 333/248, 333/252, 333/256, 333/258, 342/157, 342/368,
343/760, 343/768, 343/771, 343/797, 343/814, 343/815, 343/816, 343/822, 343/835,
343/894, 343/914

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 25. Document ID: US 2495753 A

L74: Entry 25 of 27

File: USOC

Jan 31, 1950

US-PAT-NO: 2495753

DOCUMENT-IDENTIFIER: US 2495753 A

TITLE: Ground target elimination

DATE-ISSUED: January 31, 1950

INVENTOR-NAME: MOZLEY ROBERT F

US-CL-CURRENT: 342/94, 342/159, 343/766, 701/120, 701/17, 701/223, 701/301, 701/4,
708/802, 708/810, 708/845

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 26. Document ID: US 2480829 A

L74: Entry 26 of 27

File: USOC

Sep 6, 1949

US-PAT-NO: 2480829

DOCUMENT-IDENTIFIER: US 2480829 A

TITLE: Radio direction indicating apparatus

DATE-ISSUED: September 6, 1949

INVENTOR-NAME: BARROW WILMER L; PENSYL DANIEL S ; MIEHER WALTER W

US-CL-CURRENT: 342/79, 342/140, 342/436, 342/67, 343/760, 343/762, 343/765,
343/777, 89/41.07

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 27. Document ID: US 2428351 A

L74: Entry 27 of 27

File: USOC

Oct 7, 1947

US-PAT-NO: 2428351

DOCUMENT-IDENTIFIER: US 2428351 A

TITLE: Radio wave reflectivity indicating system

DATE-ISSUED: October 7, 1947

INVENTOR-NAME: AYRES WALDEMAR A

US-CL-CURRENT: [342/181](#); [313/419](#), [315/9](#), [342/179](#), [348/32](#), [367/110](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
ORIENTATION	620923
ORIENTATIONS	95280
SPATIAL\$3	0
SPATIAL	200288
SPATIALA	2
SPATIALDE	1
SPATIALE	578
SPATIALED	1
SPATIALES	651
SPATIALFY	1
SPATIALI	6
(L73 AND (SPATIAL\$3 OR POSITION\$4 OR LOCAT\$4 OR ORIENT\$4 OR ORIENTATION)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	27

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☐ 1. Document ID: US 20040106967 A1

Using default format because multiple data bases are involved.

L79: Entry 1 of 5

File: PGPB

Jun 3, 2004

PGPUB-DOCUMENT-NUMBER: 20040106967

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040106967 A1

TITLE: Antenna systems for implantable medical device telemetry

PUBLICATION-DATE: June 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Von Arx, Jeffrey A.	Minneapolis	MN	US	
Rawat, Prashant	Blaine	MN	US	
Mass, William R.	Maple Grove	MN	US	

US-CL-CURRENT: 607/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 6416491 B1

L79: Entry 2 of 5

File: USPT

Jul 9, 2002

US-PAT-NO: 6416491

DOCUMENT-IDENTIFIER: US 6416491 B1

TITLE: Cell necrosis apparatus

DATE-ISSUED: July 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edwards; Stuart D.	Portola Valley	CA	94028	
Lax; Ronald G.	Daytona Beach	FL	32124	

US-CL-CURRENT: 604/22; 606/41

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 3. Document ID: US 6210355 B1

L79: Entry 3 of 5

File: USPT

Apr 3, 2001

US-PAT-NO: 6210355

DOCUMENT-IDENTIFIER: US 6210355 B1

TITLE: Cell necrosis apparatus

DATE-ISSUED: April 3, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edwards; Stuart D	Portola Valley	CA		
Lax; Ronald G	Palm City	FL		
Bek; Robin	Campbell	CA		

US-CL-CURRENT: 604/22; 607/134

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KINC	Draw De
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☐ 4. Document ID: US 6179803 B1

L79: Entry 4 of 5

File: USPT

Jan 30, 2001

US-PAT-NO: 6179803

DOCUMENT-IDENTIFIER: US 6179803 B1

TITLE: Cell necrosis apparatus

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edwards; Stuart D.	Portola Valley	CA		
Lax; Ronald G.	Palm City	FL		

US-CL-CURRENT: 604/22; 606/41

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KINC	Draw De
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☐ 5. Document ID: US 5843021 A

L79: Entry 5 of 5

File: USPT

Dec 1, 1998

US-PAT-NO: 5843021

DOCUMENT-IDENTIFIER: US 5843021 A

TITLE: Cell necrosis apparatus

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edwards; Stuart D.	Portola Valley	CA		
Lax; Ronald G.	Palm City	FL		

US-CL-CURRENT: 604/22

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUMC	Drawn D
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Term	Documents
CASSEGRAIN	1829
CASSEGRAINS	9
HORN	95117
HORNS	15502
PARABOLA	12242
PARABOLAS	1919
PARABOLIC\$4	0
PARABOLIC	52966
PARABOLICA	5
PARABOLICAFLY	4
PARABOLICAHY	2
(L78 AND (CASSEGRAIN OR HORN OR ((PARABOLIC\$4 OR PARABOLA) WITH (REFLECT\$4 OR ANTENN\$2)))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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DATE: Saturday, December 18, 2004

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L88	L86 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	4
<input type="checkbox"/>	L87	L86 and ((simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	1
<input type="checkbox"/>	L86	5363050	20
<input type="checkbox"/>	L85	L84 and ((puls\$4 or train or continuous\$2) with (rf or frequency or (radio with frequency) or radiofrequency or radio-frequency))	16
<input type="checkbox"/>	L84	L83 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3 or nonparallel or "non-parallel" or cross\$4)	41
<input type="checkbox"/>	L83	L82 and ((internal\$3 or inside or "within" or inner) with (subject or object or target or patient or "thing" or structure))	42
<input type="checkbox"/>	L82	L81 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	74
<input type="checkbox"/>	L81	L80 and ((simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	3025
<input type="checkbox"/>	L80	(medical or diagnostic\$5 or diagnosis or therapy or theraputic\$4 or "x-ray" or xray or therapeutic\$4)	1088177
<input type="checkbox"/>	L79	L78 and (Cassegrain or horn or ((parabolic\$4 or parabola) with (reflect\$4 or antenn\$2)))	5
<input type="checkbox"/>	L78	L77 and ((simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4) with ((radio adj frequency) or RF or radio-frequency))	474
<input type="checkbox"/>	L77	L76 and (simultaneous\$3 or ("same" with "time") or multiplex\$4 or multiplex\$4)	10651
<input type="checkbox"/>	L76	((MRI or NMR or (magnetic adj resonance)) with (medical or diagnostic\$5 or therapy or theraputic\$4 or "x-ray" or xray or therapeutic\$4))	22369
<input type="checkbox"/>	L75	L72 not 174	5
<input type="checkbox"/>	L74	L73 and (spatial\$3 or position\$4 or locat\$4 or orient\$4 or orientation)	27
<input type="checkbox"/>	L73	L72 and (planar\$2 or slic\$3 or plane or slab)	27
<input type="checkbox"/>	L72	L71 and (attenuat\$4 or azimuth\$4)	32
<input type="checkbox"/>	L71	L70 and ((internal\$3 or inside or "within" or inner) with (subject or object or target or patient or "thing" or structure))	43
<input type="checkbox"/>	L70	L69 and (intersect\$6 or interact\$4 or perpendicula\$3 or orthogonal\$3 or nonparallel or "non-parallel" or cross\$4)	80
<input type="checkbox"/>	L69	L68 and ((beam\$4 or ray or wave or wavelength or wave-length or "wave length" or "lamda" or radiat\$4 or radiation or electromagnetic\$4 or electro-	93